

Converting Colors

CIELCh(42, 35.246, 221.468)

Have a look what the booklet for
CIELCh(42, 35.246, 221.468)
contains.

CIELCh(43, 27.475, 230.778)	3
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Color

CIELCh(43, 27.475, 230.778)

Conversions

Conversions Part 1

Format	Color
Hex	006F88
RGB	0, 111, 136
RGB Percent	0%, 44%, 53%
CMY	1.0000, 0.5642, 0.4663
CMYK	1.00, 0.18, 0.00, 0.47
HSL	191°, 100%, 27%
HSV	191°, 100%, 53%
XYZ	10.1141, 13.1578, 25.3327
YIQ	80.6610, -74.1810, -15.7570

Conversions

Conversions Part 2

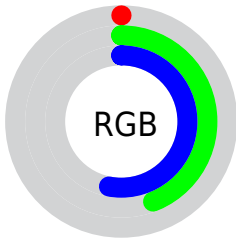
Format	Color
RYB	0, 61, 136
Decimal	28552
CIELab	43.00, -17.37, -21.28
CIELCh	43, 27.475, 230.778
Yxy	13.1578, 0.2081, 0.2707
Android (android.graphics.Color)	4278218632 (0xFF006F88)
YUV	80.6610, 27.2821, -70.7397
Hunter-Lab	36.2736, -13.7080, -16.0153

Details

The CIELCh color **43, 27.475, 230.778** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29, 61.523, 43.014**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 27.254, 230.303**, and **24, 20.674, 245.705** is the 20% darker color. If you saturate the color by 10%, you get **43, 27.347, 230.966**, and if you desaturate by 10%, it is **44, 26.626, 227.958**.

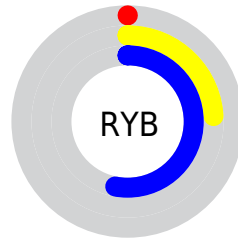
Distribution



Red (0%)

Green (44%)

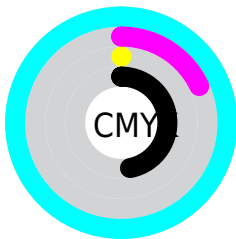
Blue (53%)



Red (0%)

Yellow (24%)

Blue (53%)

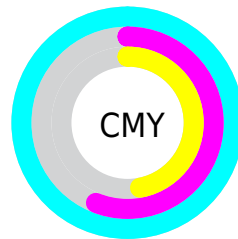


Cyan (100%)

Magenta (18%)

Yellow (0%)

Black (47%)



Cyan (100%)


Magenta (56%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 27.475, 230.778 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 43, 27.475, 230.778 by changing the saturation by 10% instead.


 43, 27.475,
230.778


 43, 27.475,
230.778


 100, 27.475,
230.778


 33, 27.475,
230.778

 63, 27.475,
230.778


 23, 27.475,
230.778

 73, 27.475,
230.778

 13, 27.475,
230.778

 83, 27.475,
230.778

 3, 27.475, 230.778

 93, 27.475,
230.778

 0, 27.475, 230.778

 43, 27.475,

 43, 27.475,

230.778

■ 43, 27.347,
230.966

230.778

■ 44, 26.626,
227.958

■ 45, 25.590,
225.320

■ 46, 24.033,
223.207

■ 47, 21.929,
221.552

■ 49, 19.293,
220.281

■ 50, 16.167,
219.329

■ 52, 12.610,
218.636

■ 53, 8.687, 218.156

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43, 27.475, 230.778



29, 61.523, 43.014

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43, 27.475, 230.778



43, 27.475, 280.778



43, 27.475, 50.778



43, 27.475, 100.778

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43, 27.347, 230.966



66, 15.517, 218.674



49, 70.517, 138.637



34, 10.524, 218.906



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 27.347, 230.966



55, 33.047, 231.813



22, 61.322, 296.592



28, 2.549, 217.857



42, 26.835, 230.870



1, 1.210, 217.593

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



30, 63.040, 336.902



40, 75.887, 337.129



43, 51.876, 77.949



27, 4.791, 330.470



30, 61.885, 336.877



0, 2.210, 329.955

Previews

White Background



This preview shows how the CIE LCh color 43, 27.475, 230.778 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 43, 27.475, 230.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

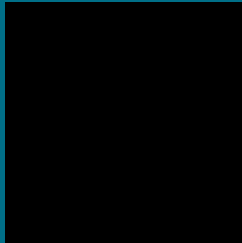
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 27.475, 230.778

Background



This preview shows how black text looks on a background with the CIELCh color 43, 27.475, 230.778.

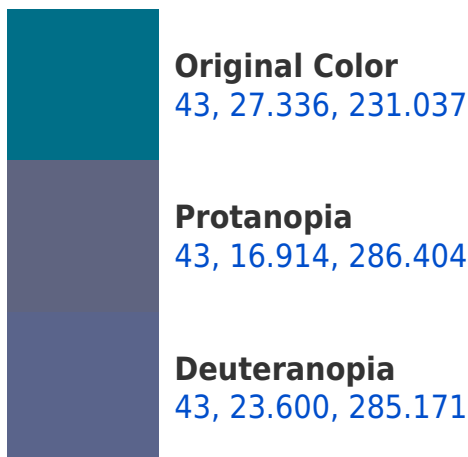



This preview shows how white text looks on a background with the CIELCh color 43, 27.475, 230.778.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
43, 26.542, 208.573

Trichromacy



Original Color
43, 27.336, 231.037

Protanomaly
42, 20.855, 250.387

Deuteranomaly
42, 24.225, 257.149

Tritanomaly
43, 26.363, 217.135

Monochromacy



Original Color
43, 27.336, 231.037

Achromatopsia
34, 0.005, 296.813

Achromatomaly
37, 14.869, 219.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 27.475, 230.778 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 111, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 136)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 111, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 27.475, 230.778 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 111, 136) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 111, 136) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 111, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 111,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 27.475, 230.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 111, 136) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 111,  
136) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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